

**ABSTRACT OF THE INVENTION**  
**CATALYSTS FOR PRODUCING NARROW CARBON NANOSTRUCTURES**

A method for producing high yields of high-purity carbon nanostructures having uniform average widths narrower than conventional carbon nanostructures. The nanostructures are produced from unsupported catalytic metal powders. A dispersing agent, such as sodium chloride, is blended with the catalytic metal powders prior to milling to the desired catalytic size to prevent the powder particles from sintering.